

## POTOMAC RIVER BASIN

## 01621470 BLACKS RUN AT ROUTE 704 NEAR MOUNT CRAWFORD, VA

LOCATION.--Lat 38°22'43", long 78°55'42", Rockingham County, Hydrologic unit 02070005, on right bank at downstream side of bridge on State Highway 704, 2.5 mi upstream from North River and 2 mi north of Mount Crawford.

DRAINAGE AREA.--19.4 mi<sup>2</sup>

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,170 ft above sea level, from topographic map.

REMARKS.--Records good except for period with ice effect, Jan. 21 to Feb. 6, which is poor. Diurnal fluctuations at low flow caused by irrigation upstream. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 451 ft<sup>3</sup>/s, Sept. 19, gage height, 6.59 ft; minimum discharge, 2.2 ft<sup>3</sup>/s, May 19, gage height, 1.76 ft.

REVISION.--The maximum discharge for the 1999 water year has been revised to 516 ft<sup>3</sup>/s, Sept. 30, gage height, 6.96 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	3.7	4.1	3.4	e2.6	4.5	5.9	5.3	6.0	10	28	22
2	18	24	3.7	3.2	e2.6	4.4	5.5	5.6	5.1	8.6	18	19
3	13	7.6	3.6	3.2	e2.6	4.1	5.6	6.0	4.5	8.1	10	7.4
4	28	5.0	3.5	3.5	e2.7	4.1	11	6.9	3.7	27	8.9	8.0
5	16	4.5	3.4	3.9	e2.8	4.1	5.9	6.5	4.0	9.5	7.9	9.9
6	10	4.5	3.7	3.0	e2.9	4.0	5.4	5.7	46	8.0	6.7	6.1
7	9.2	4.1	4.2	2.8	2.9	4.0	5.3	5.4	7.4	7.7	6.5	5.7
8	8.3	3.9	4.0	2.8	3.1	3.9	7.3	5.5	6.0	7.0	5.8	5.3
9	7.7	4.1	3.7	2.9	3.3	3.7	8.3	5.3	5.2	6.8	5.3	6.4
10	19	4.0	15	9.2	3.4	3.6	5.2	5.1	4.7	6.5	5.4	8.4
11	12	3.9	5.2	4.8	3.5	11	5.3	4.9	4.0	7.3	6.8	4.8
12	9.7	3.8	3.8	3.4	3.4	36	5.0	5.0	27	5.6	6.6	4.8
13	8.6	3.7	9.6	3.2	3.6	7.2	5.0	4.8	37	6.2	6.3	4.5
14	8.9	3.6	42	3.0	9.7	6.5	4.9	4.2	44	5.7	4.8	4.3
15	7.6	3.5	11	3.0	4.6	5.7	5.0	3.9	27	5.4	4.8	3.9
16	7.4	3.5	7.8	3.0	4.5	5.3	5.0	4.0	15	5.0	4.5	3.5
17	6.9	3.5	6.5	2.8	4.4	11	19	4.0	9.7	5.6	3.9	3.5
18	6.6	3.3	5.5	3.2	16	5.6	32	3.9	34	4.3	46	3.4
19	6.7	3.3	4.8	2.9	20	4.8	9.0	15	28	4.8	7.3	115
20	14	3.4	7.5	3.3	9.2	5.1	7.5	8.7	18	20	5.9	15
21	6.2	3.3	7.7	e2.9	7.9	54	8.5	4.4	11	6.0	5.5	9.3
22	5.5	3.4	6.7	e2.7	7.2	17	6.4	59	34	5.5	5.7	7.2
23	4.9	3.5	5.0	e2.6	7.1	12	5.5	12	12	5.1	5.4	6.6
24	4.7	3.4	4.4	e2.7	6.3	11	5.3	14	9.6	18	6.6	6.2
25	4.4	3.3	4.4	e2.7	5.6	9.5	28	6.9	11	11	4.9	91
26	4.5	10	4.6	e2.6	5.1	8.3	8.8	5.7	14	7.5	4.3	76
27	4.3	8.9	4.0	e2.5	4.9	8.4	8.4	5.6	25	6.5	4.4	18
28	4.1	4.3	4.0	e2.4	5.1	7.8	7.7	12	42	6.0	4.3	12
29	4.0	4.0	3.9	e2.5	5.6	6.8	6.8	31	23	8.5	4.3	10
30	4.0	4.3	3.8	e2.6	---	6.5	5.8	8.5	12	58	4.4	8.3
31	3.7	---	3.6	e2.6	---	6.0	---	7.1	---	11	6.5	---
TOTAL	294.9	149.3	204.7	99.3	162.6	285.9	254.3	281.9	529.9	312.2	255.7	505.5
MEAN	9.51	4.98	6.60	3.20	5.61	9.22	8.48	9.09	17.7	10.1	8.25	16.9
MAX	28	24	42	9.2	20	54	32	59	46	58	46	115
MIN	3.7	3.3	3.4	2.4	2.6	3.6	4.9	3.9	3.7	4.3	3.9	3.4
CFSM	.49	.26	.34	.17	.29	.48	.44	.47	.91	.52	.43	.87
IN.	.57	.29	.39	.19	.31	.55	.49	.54	1.02	.60	.49	.97

01621470 BLACKS RUN AT ROUTE 704 NEAR MOUNT CRAWFORD, VA--Continued

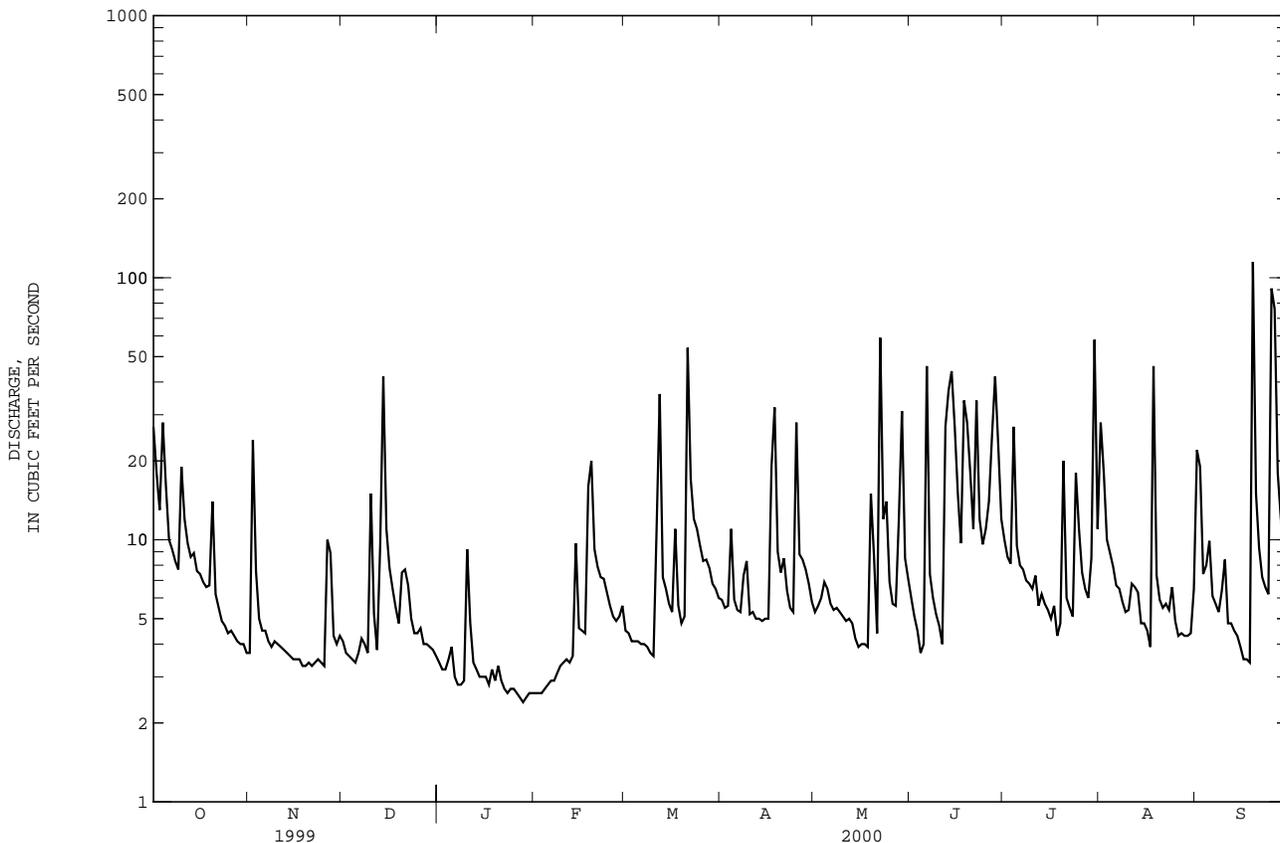
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS \*\*1999 - 2000, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	9.51	4.98	6.60	3.20	5.61	10.4	7.54	7.75	9.97	7.01	7.26	22.0
MAX	9.51	4.98	6.60	3.20	5.61	11.6	8.48	9.09	17.7	10.1	8.25	27.2
(WY)	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	2000	1999
MIN	9.51	4.98	6.60	3.20	5.61	9.22	6.60	6.40	2.27	3.96	6.27	16.9
(WY)	2000	2000	2000	2000	2000	2000	1999	1999	1999	1999	1999	2000

SUMMARY STATISTICS      \*\*FOR 1999 CALENDAR YEAR      FOR 2000 WATER YEAR      WATER YEARS \*\*1999 - 2000

ANNUAL TOTAL							3336.2					
ANNUAL MEAN							9.12			9.12		
HIGHEST ANNUAL MEAN									9.12			2000
LOWEST ANNUAL MEAN									9.12			2000
HIGHEST DAILY MEAN				145	Sep 30		115	Sep 19	145			Sep 30 1999
LOWEST DAILY MEAN				.85	Jul 6		a2.4	Jan 28	.85			Jul 6 1999
ANNUAL SEVEN-DAY MINIMUM				1.6	Aug 6		2.5	Jan 26	1.6			Aug 6 1999
INSTANTANEOUS PEAK FLOW							451	Sep 19	b516			Sep 30 1999
INSTANTANEOUS PEAK STAGE							6.59	Sep 19	6.96			Sep 30 1999
INSTANTANEOUS LOW FLOW							2.2	May 19	.28			Jul 7 1999
ANNUAL RUNOFF (CFSM)							.47		.47			
ANNUAL RUNOFF (INCHES)							6.40		6.38			
10 PERCENT EXCEEDS				16			18		18			
50 PERCENT EXCEEDS				4.6			5.6		5.3			
90 PERCENT EXCEEDS				1.9			3.3		2.6			

\*\* Partial year.  
a Result of freezeup.  
b Revised.  
e Estimated.



## POTOMAC RIVER BASIN

01621470 BLACKS RUN AT ROUTE 704 NEAR MOUNT CRAWFORD, VA--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1999 to current year.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLE TYPE	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)
OCT							
04...	1623	ENVIRONMENTAL	--	--	--	JMU	USGS
13...	0930	ENVIRONMENTAL	13.5	16.0	730	USGS	USGS
13...	0935	ENVIRONMENTAL	13.5	16.5	729	USGS	USGS
13...	0940	ENVIRONMENTAL	13.5	17.0	730	USGS	USGS
13...	0945	ENVIRONMENTAL	13.6	15.5	730	USGS	USGS
13...	0950	ENVIRONMENTAL	13.6	15.5	730	USGS	USGS
13...	0955	ENVIRONMENTAL	13.7	16.0	730	USGS	USGS
13...	1000	ENVIRONMENTAL	13.7	16.0	730	USGS	USGS
13...	1005	ENVIRONMENTAL	13.8	16.0	730	USGS	USGS
13...	1005	REPLICATE	13.8	16.0	730	USGS	USGS
13...	1006	REPLICATE	13.8	16.0	730	USGS	USGS
NOV							
02...	0015	ENVIRONMENTAL	13.8	15.0	725	USGS	USGS
02...	0630	ENVIRONMENTAL	13.4	14.0	721	USGS	USGS
02...	1300	ENVIRONMENTAL	14.3	16.5	711	USGS	USGS
02...	1515	ENVIRONMENTAL	15.1	19.5	709	USGS	USGS
02...	1630	ENVIRONMENTAL	15.2	17.0	709	USGS	USGS
02...	1645	ENVIRONMENTAL	15.4	16.5	--	USGS	USGS
02...	1700	ENVIRONMENTAL	15.4	15.5	710	USGS	USGS
02...	1715	ENVIRONMENTAL	15.3	15.0	711	USGS	USGS
02...	1730	ENVIRONMENTAL	15.1	14.5	711	USGS	USGS
02...	1845	ENVIRONMENTAL	14.8	10.5	713	USGS	USGS
02...	2230	ENVIRONMENTAL	13.6	7.0	716	USGS	USGS
03...	1100	ENVIRONMENTAL	11.1	11.0	722	USGS	USGS
17...	1453	ENVIRONMENTAL	--	--	--	JMU	USGS
22...	1050	ENVIRONMENTAL	10.3	14.5	732	USGS	USGS
22...	1055	ENVIRONMENTAL	10.3	14.5	732	USGS	USGS
22...	1100	ENVIRONMENTAL	10.4	14.5	732	USGS	USGS
22...	1105	ENVIRONMENTAL	10.4	14.5	732	USGS	USGS
22...	1110	ENVIRONMENTAL	10.4	14.5	732	USGS	USGS
22...	1115	ENVIRONMENTAL	10.5	14.5	732	USGS	USGS
22...	1120	ENVIRONMENTAL	10.5	14.5	732	USGS	USGS
22...	1125	ENVIRONMENTAL	10.6	14.5	732	USGS	USGS
22...	1125	REPLICATE	10.6	14.5	732	USGS	USGS
22...	1126	REPLICATE	10.6	14.5	732	USGS	USGS
DEC							
17...	1410	ENVIRONMENTAL	--	--	--	JMU	USGS
JAN							
04...	1100	ENVIRONMENTAL	12.7	18.0	719	USGS	USGS
04...	1105	ENVIRONMENTAL	12.8	18.0	719	USGS	USGS
04...	1110	ENVIRONMENTAL	12.8	18.0	719	USGS	USGS
04...	1115	ENVIRONMENTAL	12.9	18.0	719	USGS	USGS
04...	1120	ENVIRONMENTAL	12.9	18.0	719	USGS	USGS
04...	1125	ENVIRONMENTAL	12.9	18.0	718	USGS	USGS
04...	1130	ENVIRONMENTAL	12.9	17.5	718	USGS	USGS
04...	1135	ENVIRONMENTAL	12.9	17.5	718	USGS	USGS
04...	1135	REPLICATE	12.9	17.5	718	USGS	USGS
04...	1136	REPLICATE	12.9	17.5	718	USGS	USGS
10...	1003	ENVIRONMENTAL	--	--	--	USGS	USGS
10...	1155	ENVIRONMENTAL	5.1	7.5	715	USGS	USGS
10...	1225	ENVIRONMENTAL	5.3	7.5	715	USGS	USGS
10...	1300	ENVIRONMENTAL	5.8	9.0	714	USGS	USGS
10...	1325	ENVIRONMENTAL	6.2	9.5	713	USGS	USGS
10...	1400	ENVIRONMENTAL	6.7	13.5	713	USGS	USGS
10...	1618	ENVIRONMENTAL	7.3	13.5	714	USGS	USGS
10...	1641	ENVIRONMENTAL	7.2	13.0	714	USGS	USGS
10...	1700	ENVIRONMENTAL	7.1	12.5	714	USGS	USGS
10...	1715	ENVIRONMENTAL	7.1	13.0	715	USGS	USGS
10...	1900	ENVIRONMENTAL	6.9	10.5	717	USGS	USGS
10...	2205	ENVIRONMENTAL	6.5	3.5	719	USGS	USGS
11...	0925	ENVIRONMENTAL	4.9	--	717	USGS	USGS
11...	1215	ENVIRONMENTAL	5.9	8.0	720	USGS	USGS
22...	1358	ENVIRONMENTAL	--	--	--	JMU	USGS
FEB							
25...	1657	ENVIRONMENTAL	--	--	--	JMU	USGS
MAR							
01...	0922	ENVIRONMENTAL	8.1	8.0	642	USGS	USGS
28...	1600	ENVIRONMENTAL	--	--	--	JMU	USGS
30...	1215	ENVIRONMENTAL	12.4	15.5	725	USGS	USGS
30...	1240	REPLICATE	12.4	15.5	725	JMU	USGS
30...	1245	ENVIRONMENTAL	12.5	16.0	725	USGS	USGS
30...	1245	REPLICATE	12.5	16.0	725	JMU	USGS
30...	1250	ENVIRONMENTAL	12.6	16.0	725	USGS	USGS
30...	1250	REPLICATE	12.6	16.0	725	USGS	USGS
30...	1251	REPLICATE	12.6	16.0	725	USGS	USGS
30...	1252	REPLICATE	12.6	16.0	725	USGS	USGS
APR							
27...	1455	ENVIRONMENTAL	--	--	--	JMU	USGS

POTOMAC RIVER BASIN

01621470 BLACKS RUN AT ROUTE 704 NEAR MOUNT CRAWFORD, VA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	TUR-BID-DUCT-ITY (NTU) (00076)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	COLI-FORM, FECAL, UM-MF (COLS./100 ML) (31625)
OCT								
04...	--	3.02	--	--	--	--	--	6300
13...	8.5	2.07	22	584	9.4	94	8.1	4600
13...	8.5	2.07	21	586	9.4	95	8.1	5300
13...	8.5	2.07	18	587	9.5	95	8.1	3900
13...	8.5	2.07	19	587	9.5	96	8.1	4200
13...	8.5	2.07	21	588	9.5	96	8.1	3300
13...	8.5	2.07	19	586	9.6	97	8.1	3900
13...	8.5	2.07	20	588	9.6	97	8.1	5300
13...	8.5	2.07	19	587	9.7	98	8.2	4000
13...	8.5	2.07	19	587	9.7	98	8.2	5000
13...	8.5	2.07	19	587	9.7	98	8.2	5000
NOV								
02...	3.6	1.88	14	500	8.9	90	7.8	K7800
02...	3.6	1.89	18	575	8.4	85	7.7	K6200
02...	5.6	2.01	35	552	9.2	97	8.0	45000
02...	41	2.89	130	549	8.9	95	8.0	190000
02...	97	3.80	600	418	7.9	84	7.6	260000
02...	126	4.10	600	370	2.5	--	7.7	120000
02...	129	4.18	500	383	7.5	80	7.8	100000
02...	127	4.13	360	432	7.7	82	7.8	55000
02...	119	4.06	240	478	7.7	83	7.8	37000
02...	79	3.52	180	420	7.9	84	7.9	27000
02...	26	2.56	130	280	7.8	80	7.9	26000
03...	6.7	2.04	110	344	9.7	93	8.2	21000
17...	--	1.95	--	--	--	--	--	K410
22...	3.2	1.85	14	278	10.6	99	7.5	4200
22...	3.2	1.85	13	276	10.5	98	7.5	K6300
22...	3.2	1.85	12	278	10.6	98	7.6	4200
22...	3.2	1.85	12	279	10.7	100	7.6	3700
22...	3.2	1.85	15	279	10.6	99	7.7	K3200
22...	3.2	1.85	14	268	10.6	99	7.7	3600
22...	3.2	1.85	14	277	10.7	100	7.8	3500
22...	3.2	1.85	13	272	10.8	101	7.8	3000
22...	3.2	1.85	13	272	10.8	101	7.8	3400
22...	3.2	1.85	13	272	10.8	101	7.8	K2600
DEC								
17...	--	2.05	--	--	--	--	--	6000
JAN								
04...	3.5	1.88	22	539	11.4	114	8.2	5200
04...	3.4	1.88	21	538	11.4	115	8.2	5700
04...	3.4	1.88	19	538	11.5	115	8.2	4900
04...	3.3	1.88	22	537	11.4	115	8.2	3400
04...	3.3	1.88	24	538	11.4	115	8.2	5400
04...	3.3	1.88	23	538	11.5	115	8.2	4900
04...	3.3	1.88	23	538	11.4	115	8.2	6000
04...	3.3	1.88	23	537	11.4	114	8.2	5800
04...	3.3	1.88	23	537	11.4	114	8.2	5000
04...	3.3	1.88	23	537	11.4	114	8.2	K5200
10...	3.8	1.91	16	--	--	--	--	3600
10...	4.1	1.93	37	555	12.1	102	8.2	12000
10...	4.6	1.96	34	555	12.3	103	8.2	10000
10...	5.6	2.00	38	553	12.6	108	8.3	10000
10...	8.7	2.11	60	551	12.7	110	8.2	18000
10...	10	2.18	75	553	12.3	108	8.3	17000
10...	24	2.50	170	542	12.5	111	8.4	20000
10...	32	2.70	200	520	12.3	109	8.4	33000
10...	32	2.68	170	515	11.8	104	8.3	31000
10...	31	2.66	180	505	11.4	100	8.3	25000
10...	21	2.45	95	513	10.8	94	8.3	K5200
10...	11	2.20	40	563	10.7	92	8.3	7300
11...	4.5	1.95	60	538	10.7	89	8.0	K20000
11...	4.2	1.93	65	540	11.2	95	8.1	30000
22...	--	1.91	--	--	--	--	--	20
FEB								
25...	--	2.00	--	--	--	--	--	390
MAR								
01...	4.3	1.91	11	594	10.2	103	8.1	340
28...	--	2.07	--	--	--	--	--	180
30...	6.7	2.01	5.9	342	13.8	136	8.3	K32
30...	6.8	2.01	5.9	342	13.8	136	8.3	K7
30...	6.7	2.01	7.2	340	13.9	137	8.3	K47
30...	6.8	2.01	7.2	340	13.9	137	8.3	K30
30...	6.7	2.01	6.3	339	13.9	138	8.3	K45
30...	6.7	2.01	6.3	339	13.9	138	8.3	K28
30...	6.7	2.01	6.3	339	13.9	138	8.3	33
30...	6.8	2.01	6.3	339	13.9	138	8.3	K33
APR								
27...	--	2.08	--	--	--	--	--	K61

## POTOMAC RIVER BASIN

01621470 BLACKS RUN AT ROUTE 704 NEAR MOUNT CRAWFORD, VA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLE TYPE	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)
MAY								
10...	1205	ENVIRONMENTAL	23.8	26.5	720	USGS	USGS	5.2
10...	1210	ENVIRONMENTAL	24.0	27.5	720	USGS	USGS	5.2
10...	1215	ENVIRONMENTAL	24.1	26.5	720	USGS	USGS	5.2
10...	1215	REPLICATE	24.1	26.5	720	USGS	USGS	5.2
10...	1216	REPLICATE	24.1	26.5	720	USGS	USGS	5.2
13...	1208	ENVIRONMENTAL	--	--	--	JMU	USGS	--
JUN								
14...	1245	ENVIRONMENTAL	26.1	30.5	730	USGS	USGS	9.7
14...	1250	ENVIRONMENTAL	26.2	30.5	730	USGS	USGS	9.7
14...	1255	ENVIRONMENTAL	26.2	30.5	730	USGS	USGS	9.7
14...	1255	REPLICATE	26.2	30.5	730	USGS	USGS	9.7
14...	1256	REPLICATE	26.2	30.5	730	USGS	USGS	9.7
14...	1900	ENVIRONMENTAL	25.3	20.5	728	USGS	USGS	13
14...	1957	ENVIRONMENTAL	25.1	20.0	728	USGS	USGS	66
14...	2051	ENVIRONMENTAL	24.2	--	--	USGS	USGS	157
14...	2122	ENVIRONMENTAL	23.1	20.5	728	USGS	USGS	231
14...	2143	ENVIRONMENTAL	23.1	21.5	735	USGS	USGS	245
14...	2215	ENVIRONMENTAL	23.7	21.5	735	USGS	USGS	249
14...	2235	ENVIRONMENTAL	23.8	22.5	735	USGS	USGS	241
14...	2345	ENVIRONMENTAL	23.8	20.5	734	USGS	USGS	162
15...	0220	ENVIRONMENTAL	23.5	19.0	734	USGS	USGS	57
15...	0720	ENVIRONMENTAL	22.3	21.0	734	USGS	USGS	22
JUL								
18...	1540	ENVIRONMENTAL	27.6	30.0	725	USGS	USGS	5.1
18...	1545	ENVIRONMENTAL	27.6	30.0	725	USGS	USGS	5.1
18...	1550	ENVIRONMENTAL	27.7	30.0	725	USGS	USGS	5.1
18...	1550	REPLICATE	27.7	30.0	725	USGS	USGS	5.1
18...	1551	REPLICATE	27.7	30.0	725	USGS	USGS	5.1
AUG								
15...	0940	ENVIRONMENTAL	20.4	24.0	741	USGS	USGS	--
17...	1135	ENVIRONMENTAL	22.3	26.5	740	USGS	USGS	4.3
17...	1140	ENVIRONMENTAL	22.3	26.5	740	USGS	USGS	4.3
17...	1140	REPLICATE	22.3	26.5	740	USGS	USGS	4.3
17...	1145	ENVIRONMENTAL	22.3	26.5	740	USGS	USGS	4.3
17...	1150	ENVIRONMENTAL	22.3	26.5	740	USGS	USGS	4.3
17...	1150	REPLICATE	22.3	26.5	740	USGS	USGS	4.3
SEP								
26...	1000	ENVIRONMENTAL	13.6	14.0	735	USGS	USGS	43
26...	1005	ENVIRONMENTAL	13.5	14.0	735	USGS	USGS	43
26...	1010	ENVIRONMENTAL	13.5	14.0	735	USGS	USGS	43
26...	1015	ENVIRONMENTAL	13.6	14.0	735	USGS	USGS	43
26...	1020	ENVIRONMENTAL	13.5	14.0	735	USGS	USGS	42
26...	1025	ENVIRONMENTAL	13.5	14.0	735	USGS	USGS	42
26...	1030	ENVIRONMENTAL	13.5	14.0	735	USGS	USGS	41

POTOMAC RIVER BASIN

01621470 BLACKS RUN AT ROUTE 704 NEAR MOUNT CRAWFORD, VA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	GAGE HEIGHT (FEET) (00065)	TUR- BID- ITY (NTU) (00076)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	E. COLI WATER WHOLE TOTAL (COL / 100 ML) (31633)	COLI- FORM, FECAL, UM-MF (COLS / 100 ML) (31625)
MAY								
10...	1.94	10	539	13.1	165	8.2	--	870
10...	1.94	11	537	13.1	165	8.3	--	K640
10...	1.94	13	537	13.1	165	8.3	--	700
10...	1.94	13	537	13.1	165	8.3	--	700
10...	1.94	13	537	13.1	165	8.3	--	K630
13...	1.90	--	--	--	--	--	--	580
JUN								
14...	2.09	95	318	6.7	87	7.7	--	22000
14...	2.09	90	320	6.7	87	7.7	--	27000
14...	2.08	80	320	6.8	88	7.8	--	20000
14...	2.08	80	320	6.8	88	7.8	--	20000
14...	2.08	80	320	6.8	88	7.8	--	19000
14...	2.20	110	344	6.4	82	7.6	--	54000
14...	3.40	300	356	6.3	80	7.7	--	35000
14...	4.30	850	273	5.9	--	7.6	--	57000
14...	5.05	900	373	--	--	7.6	--	60000
14...	5.18	950	352	6.2	75	7.7	--	60000
14...	5.26	1000	258	5.6	69	7.8	--	77000
14...	5.22	900	215	5.4	67	7.8	--	90000
14...	4.67	400	205	5.5	68	7.8	--	56000
15...	3.22	220	238	5.9	72	7.7	--	39000
15...	2.50	150	275	6.4	76	7.6	--	33000
JUL								
18...	1.90	15	485	11.5	154	8.5	730	1000
18...	1.90	13	484	11.3	151	8.5	870	1100
18...	1.91	11	484	11.3	151	8.5	760	1400
18...	1.91	11	484	11.3	151	8.5	930	1400
18...	1.91	11	484	11.3	151	8.5	730	1100
AUG								
15...	1.90	9.0	380	9.2	105	8.1	640	700
17...	1.86	11	492	--	--	8.2	210	270
17...	1.86	10	492	--	--	8.2	180	260
17...	1.90	10	492	--	--	8.2	200	310
17...	1.86	11	491	--	--	8.2	240	260
17...	1.86	12	491	--	--	8.2	320	370
17...	1.86	12	491	--	--	8.2	140	300
SEP								
26...	2.90	69	328	--	85	7.9	14000	18000
26...	2.90	67	328	--	85	7.9	15000	15000
26...	2.90	70	328	--	85	7.9	16000	17000
26...	2.90	68	328	--	85	7.9	11000	11000
26...	2.90	68	328	--	85	7.9	19000	20000
26...	2.90	68	328	--	85	7.9	17000	20000
26...	2.90	66	328	--	85	7.9	25000	16000